

UNIFIED ARCHITECTURE FOR CDMA NETWORK  
AND METHOD OF OPERATION

ABSTRACT OF THE DISCLOSURE

There is disclosed, for use in a CDMA wireless network, a  
5 partitioned selection and distribution unit (SDU). The partitioned  
SDU comprises a first controller located in at least one base  
station of the CDMA wireless network for performing radio dependent  
functions, wherein the radio dependent functions are related to the  
transfer of wireless traffic between base stations and mobile  
10 stations in the CDMA wireless network. The partitioned SDU also  
comprises a second controller located in the mobile switching  
center of the CDMA wireless network for performing radio  
independent functions, wherein the radio independent functions are  
related to the transfer of voice traffic, data traffic, and/or  
15 signaling traffic between the CDMA wireless network and a wired  
network coupled to the CDMA wireless network.